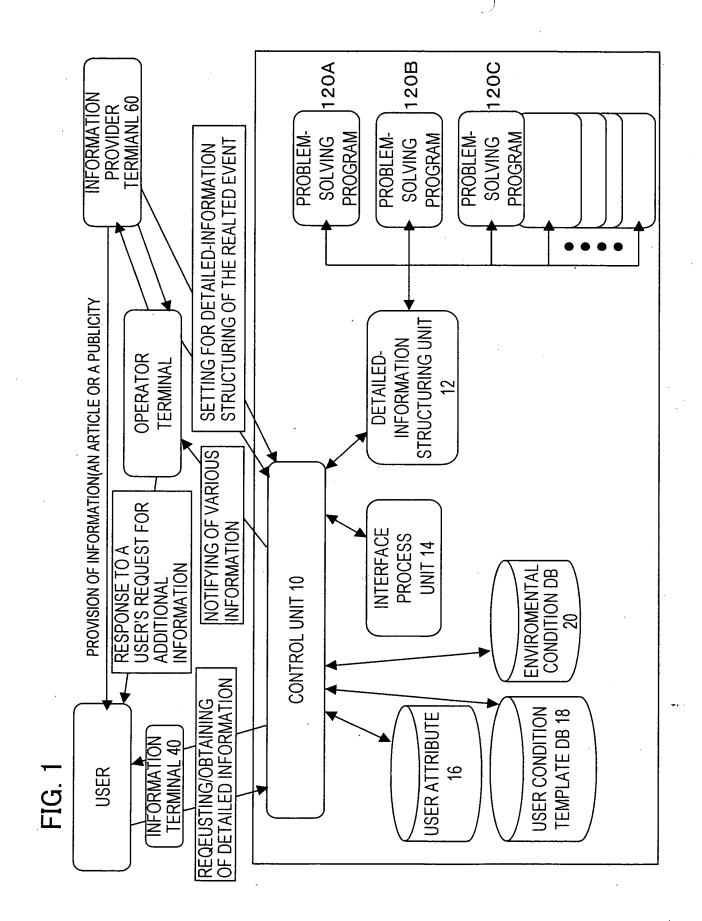
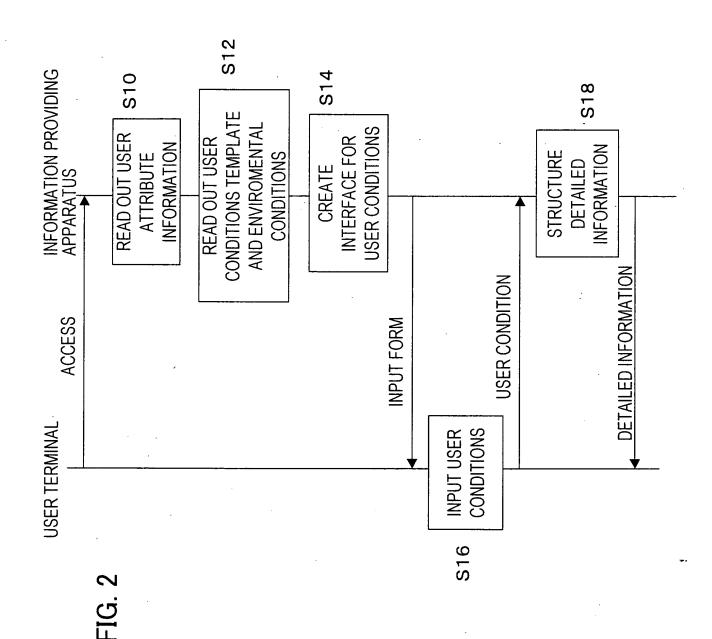
TITLE: INFORMATION PROVIDING

APPARATUS INVENTORS: Yukiko YOSHIDA

SERIAL NO.: DOCKET NO.: 1081.1184





TITLE: INFORMATION PROVIDING APPARATUS INVENTORS: Yukiko YOSHIDA

SERIAL NO.: DOCKET NO.: 1081.1184

This is the combination of telephone companies suitable for Mr./Ms. [user attribute DB: this user: log-in name].				
within the city	[the optimal telephone companies (within the city)]	[telephone charge (within the city)] yen		
out of the city within the prefecture	[the optimal telephone companies (out of the city within the prefecture)]	[telephone charge (out of the city within the prefecture)] yen		
out of the prefecture	[the optimal telephone companies (out of the prefecture)]	[telephone charge (out of the prefecture)] yen		
international	[the optimal telephone companies (international)]	[telephone charge (international)] yen		
Internet	[the optimal telephone companies (Internet)]	[telephone charge (Internet)] yen		
Total	[telephone charge (within the city + out of the city within the prefecture + out of the prefecture + international + Internet)] yen			

Name of	Tuno Statement, Name of Variables
Attribute	Type Statement, Name of Variables,
Attibute	Possible Range of Values etc. Default Values
	Remark
The Place of	
Fixed Phone	(String userAddressPrefecture, String userAddressCity)
Fixed Filone	(String userTelephoneNumberAreaCode, String
	userTelephoneNumberLocalOfficeNumber)
	(list of names of prefectures, list of names of cities and villages) (area
	code, prefix)
	(user attribute DB: this user: address/prefecture, user attribute DB:
	this user: address (cities and villages)
	(user attribute DB: this user: telephone number/area code, user
	attribute DB: this user: telephone number/prefix)
	Please input the place of the fixed telephone used: (name of
Call destinati	prefecture city or village), or telephone number (area code prefix).
Call-destinati	(String receiver1AddressPrefecture, String receiver1AddressCity)
011 1	(String receiver1TelephoneNumberAreaCode, String
	receiver1TelephoneNumberLocalOfficeNumber)
	(list of names of prefecture, list of names of cities and villages) (area
	code, prefix)
	(user attribute DB: this user: call-destination 1 address/prefecture,
	user attribute DB: this user: call-destination 1 address/city or village)
	(user attribute DB: this user: call-destination 1 telephone number/area
	code, user attribute DB: this user: call-destination 1 telephone number (prefix)
	Please input the most frequently called destination (prefecture city or
	village), or telephone number (area code prefix).
Call-destinati	(String receiver2AddressPrefecture, String receiver2AddressCity)
on 2	(String receiver2 Telephone Number Area Code, String
011 2	receiver2TelephoneNumberLocalOfficeNumber)
	(list of names of prefecture, list of names of cities and villages)](area
	code, prefix)
	(user attribute DB: this user: call-destination 2 address/prefecture,
	user attribute DB: this user: call-destination 2 address/city or village)
	(user attribute DB: this user: call-destination 2 telephone number/area
	code, user attribute DB: this user: call-destination 2 telephone number
	(prefix)
	Please input the second-most frequently called destination
	(prefecture city or village), or telephone number (area code prefix).
Call-destinati	(String receiver3AddressPrefecture, String receiver3AddressCity)
lon 3	(String receiver3TelephoneNumberAreaCode, String
	receiver3TelephoneNumberLocalOfficeNumber)
	(list of names of prefecture, list of names of cities and villages)](area
	code, prefix)
	(user attribute DB: this user: call-destination 3 address/prefecture,
	user attribute DB: this user: call-destination 3 address/city or village)
	(user attribute DB: this user: call-destination 3 telephone number/area
	code, user attribute DB: this user: call-destination 3 telephone number
	(prefix)
	Please input the third-most frequently called destination (prefecture.
1	city or village), or telephone number (area code prefix).

1.4.0	
Length of	(String talkTimesCategory1Daytime, String
time to call	talkTimesCategory1EarlyNight, String talkTimesCategory1LateNight,
(within the	String talkTimesCategory1Morning)
city)	(0-720, 0-720, 0-720)
	(User attribute DB: this user: time to call/within the city/daytime, user
	attribute DB: this user: time to call/within the city/early night, user
	attribute DB: this user: time to talk/within the city/late night, user
•	attribute DB: this user: time to call/within the city/early morning)
	Please input the standard length of time to call per month (within the
1	city) for each of daytime, early night, late night and early morning.
Length of	(String talkTimesCategory2Daytime, String
time to call	talkTimesCategory2EarlyNight, String talkTimesCategory2LateNight,
(out of the	String talkTimesCategory2Morning)
city within the	(0-720, 0-720, 0-720)
prefecture)	(User attribute DB: this user: time to call/out of the city within the
presecture	prefecture/daytime, user attribute DB: this user: time to call/out of the
	city within the prefecture/early night, user attribute DB: this user: time
	to talk/out of teh city within the prefecture/late night, user attribute DB:
	this user: time to call/out of the city within the prefecture/early morning)
	Please input the standard length of time to call per month (out of the
	city within the prefecture) for each of daytime, early night, late night and early morning.
Length of	
time to call	(String talkTimesCategory3Daytime, String talkTimesCategory3LateNight,
(out of the	String talkTimesCategory3Morning)
prefecture)	(0-720, 0-720, 0-720)
proroutaro)	(User attribute DB: this user: time to call/out of the prefecture/daytime,
	user attribute DB: this user: time to call/out of the prefecture/early
	night, user attribute DB: this user: time to talk/out of the prefecture/late
	night, user attribute DB: this user: time to call/out of the
	prefecture/early morning)
	Please input the standard length of time to call per month (out of the
	prefecture) for each of daytime, early night, late night and early
	morning.
Length of	(String talkTimesCategory4Daytime, String
time to call	talkTimesCategory4EarlyNight,
(internation	String talk limesCategory4Morning)
al)	(0-720, 0-720, 0-720, 0-720)
	(user attribute DB: this user: time to call/international/daytime, user
	attribute DB: this user: time to call/international/early night, user
	attribute DB: this user: time to talk/international/late night, user
	attribute DB: this user: time to call/international/early morning)
	Please input the standard length of time to call per month
	(international) for each of daytime, early night, late night and early
l ongth of	morning.
Length of	(String internetUseTimes)
time to use the Internet	(0-720)
	(User attribute DB: this user: time to use the Internet)
100	Please input the standard length of time to use the Internet per month.
ISP	(String isp)
	(List of main ISPs) (input freely)
•	(User attribute DB: this user: ISP)
	Please input the name of the Internet service provider (ISP) used.
Line for the	(String internetAccessMedium)
Internet	(List of types of lines for the Internet) (input freely)
	(User attribute DB: this user: line for the Internet)
	Please input the type of the line for the Internet used.

TITLE: INFORMATION PROVIDING APPARATUS INVENTORS: Yukiko YOSHIDA

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FIG. 6

<user ID>userID00005678</user ID

<log-in name>fuji</log-in name>

<address>

<city or village>Chiba City</city or village>

<ward>Mihama Ward</ward>

<residence number>Nakase 1-9-3</residence number>

</address>

<name>

<family name>Fuji</family name>

<given name>Kayoko</given name>

</name>

<occupation>

<category1>company employee</category1>

</occupation>

Place of fixed telephone	(Chiba Prefecture, Chiba City)
Call destination 1	(Tokyo, 23-ward area)
Call destination 2	(Fukuoka Prefecture, Fukuoka City)
Call Destination 3	(Chiba Prefecture, Chiba City)
Length of time to call	(3, 1, 0, 1)
(within the city)	
Length of time to call	(1, 0, 0, 0)
(out of city within the prefecture)	
Length of time to call	(2, 5, 3, 0)
(out of the prefecture)	
Length of time to call	(0, 0, 0, 0)
(international)	
Length of time to use the Internet	10
ISP	foobar·net
Line for the Internet	analogue

FIG. 8

This is the most suitable combination of telephone companies for Ms. Fuji				
With in the city	800 yen			
Out of the city within the prefecture	□□Communications	100 yen		
Out of the prefecture	♦♦Telecom	3,000 yen		
International	☆☆Communications	0 yen		
Internet	OOTelephone	1,800 yen		
Total		5,700 yen		

Problem-Solving Program	Type of Problem	Basic Approach
Program 1	Combination optimization	Linear programming
Program 2	Combination optimization	Rule-base reasoning,
Program 3	Combination optimization	Neural network
Program 4	Combination optimization	Taboo search
Program 5	Numerical calculation	Algebraic calculation
Program 6	Numerical calculation	Statistical calculation
Program 7	Numerical calculation	Financial calculation
Program 8	Numerical calculation	Functional calculation
Program 9	Pattern matching	Least-squares method
Program 10	Pattern matching	KMP method
Program 11	Pattern matching	BM method
Program 12		

This is the most suitable combination of telephone companies for Ms. Fuji	
No. 1	
With in the city OOTelephone 800 y	en
Out of the city within the prefecture Communications 100 y	en
Out of the prefecture	en
International ☆☆Communications 0 y	en
Internet OOTelephone 180 y	en
[Note: In case of use for one (1) hour per month]	
Total 4,080 y	en
No. 2	
With in the city OOTelephone 800 y	en
Out of the city within the prefecture □ □ □ Communications 100 y	en
Out of the prefecture $\diamondsuit \diamondsuit $ Telecom 3,000 y	en l
International ☆☆Communications 0 y	
Internet OOTelephone 400 y	
[Note: In case of subscribing to an ISP of OOTelephone and use "Internet page 1975]	
service 3" (up to three (3) hours per month) of OOTelephone, (ISP connection	
charge + communication charge included)	'
Total 4,300 y	en
No. 3	-
With in the city OOTelephone 800 y	en
Out of the city within the	
prefecture 100 y	en
Out of the prefecture	en
International ☆☆Communications 0 y	en
Internet OOTelephone 1,800 y	en
[Note: In case of use for ten (10) hours per month]	
Total 5,700 y	en
No. 4.	
With in the city OOTelephone 800 y	en
Out of the city within the	Δn
prefecture	
Out of the prefecture $\diamondsuit \diamondsuit$ Telecom 3,000 y	en
International ☆☆Communications 0 y	en
Internet	en
[Note: Charge (fixed amount) for the case of use of ISDN service of ☐ ☐ Communications]	
Total 7,500 y	

TITLE: PRODUCTION CELL INVENTORS: Atsushi WATANABE SERIAL NO.: DOCKET NO.: 392.1842

FIG. 11

Timing to notify:		
□ □th day of	or	
every month	and	week
or		
and ·		
When there is a ch	ange in informa	ation
Destination of notice		
(e-mail address)		
		-

Timing to notify:			
□ □ th day of every	or	◆ Monday of every	_
month	and	week	
and]
◆ When there is a chang	e in information		
Destination of notice	·		
(e-mail address)			
fuji@mail.foobar-net.com			

TITLE: PRODUCTION CELL INVENTORS: Atsushi WATANABE SERIAL NO.:

DOCKET NO.: 392.1842

FIG. 13

User name: fuji				
Method for response:				
♦ Carried on this site.				
Response by e-mail. e-mail address:				
Contents of query				
,				
·		·		
	,	. •		

FIG. 14

User name: fuji
Method for response:

- ♦ Carried on this site.
- Response by e-mail.
 e-mail address:fuji@mail.foobar-net.com

Contents of query

There seems to be no column for setting for a mobile phone on this site. Is a mobile phone not the target of this new system?

If a mobile phone is not the target of this system, is there also a charge discount system that can be used by combining with my house phone?

TITLE: INFORMATION PROVIDING APPARATUS INVENTORS: Yukiko YOSHIDA

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FIG. 15

Ms. Fuji

Thank you for your query.

Mobile phone and PHS are not the target of this new telephone subscription system.

However, the following telephone companies have their own charge discount services in which mobile phones and house phones are combined. Please contact the following addresses for details.

[List of the addresses of telephone companies]

Mr. xxxx, Customer Service, infosite.com

FIG. 16

		News	Ω nl	lina	Nowe
ι.	,,,,	News	Uni	me.	News

-All About the New Telephone Subscription System-

(. . . .)

Applications for this subscription system will be accepted from March 1st, 2001 and the service will be provided from May 1st, 2001.

About a comparison of charges between telephone companies.

TITLE: INFORMATION PROVIDING APPARATUS

INVENTORS: Yukiko YOSHIDA

SERIAL NO.:

DOCKET NO.: 1081.1184

FIG. 17

OONews	
-All About the New Telephon	e Subscription System-
()	

Applications for this subscription system will be accepted from March 1st, 2001 and the service will be provided from May 1st, 2001.

[OONews, Feb. 13, 2001, a comparison of charges between telephone companies] (Presented by: www.infosite.com)